



**CALIFORNIA FIRE CHIEFS ASSOCIATION NORTHERN
CALIFORNIA FIRE PREVENTION OFFICERS FIRE
SERVICE EDUCATION COMMITTEE**

Become a member of NorCal at www.firepreventionofficers.org

FIRE PREVENTION 3A: Hydraulics
(4.0 CEU's/40 ICC Contact Hours for full week)

► **Instructors: Patrick Chew and Lisa Beaver, P.E.:** Patrick has been a member of the California Fire Prevention profession since 1995 rising to the rank of Supervising Fire Inspector. Prior to the fire service Patrick started his career in the fire protection world through the highly protective risk insurance companies and is a graduate from California Polytechnic State University in Engineering. He also received this fire protection certification from UCLA. Currently Pat serves as Co-Chair on the Fire Service Education Committee for the Northern California Fire Prevention Officers Association.

Lisa has worked within the fire service and fire industry for more than 28 years and currently serves as the Director of Fire Protection and Loss Control for Aerojet Rocketdyne. Lisa is a registered Fire Protection Engineer with the State of California and carries degrees in Fire Science, Building Construction Technology along with Certificates from the University of California Davis in Fire Protection. She is a Certified Fire Protection Specialist, Certified Engineering Technician, and holds many ICC certifications which include Certified Building Official. Lisa has provided instruction in Fire Technology and Building Technology as an adjunct professor at Cosumnes River College and Folsom Lake College.

DATE: December 14-18, 2015

TIME: 0830 - 1700

Location: Maidu Community Center
1550 Maidu Drive, Roseville, Ca 95661

Course Description: This course offers an explanation and analysis of the mathematical equations, functions and calculations of water hydraulics as it relates to fire sprinkler systems and water demand. Participants will learn and practice with the various methods used to perform hydraulic calculations.

What to bring: Must bring your copy of the NFPA 13, 2013 Edition **and** a scientific calculator.

PRE-REGISTRATION REQUIRED!

Cost: **\$475 Norcal/Calbo Members** [4418] **\$500 Non-Members** [4418]
Includes State Fire Marshal Certificate

Mail to: Northern California Fire Prevention Officers (NorCal FPO)
950 Glenn Drive, Suite 150, | Folsom, CA 95630
916.442.0307 | 916.233.1266 Fax | info@firepreventionofficers.org

Name _____ NorCal/CalBO Member ___ Yes ___ No
Agency/Organization _____ Mailing
Address _____ City/State/Zip
Phone _____ Email _____

Payment Options **Total amount \$ _____ [4437]**

Credit Card **MasterCard** **Visa** Check Payable to NorCal/Check # or PO# _____

Card Number _____ Exp.Date _____ VCode _____

Card Address (if different from above) _____ City _____

State _____ Zip _____ Name on Card _____

Signature _____